

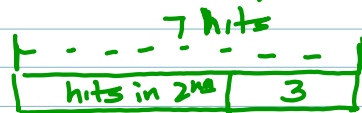
1/31 Lab pp 521-524

7 hits in 2 baseball games

$$3 + X = 7$$

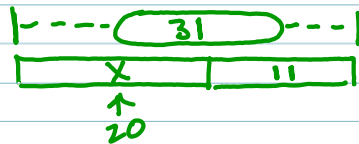
↑ first game    ↑ second game    ↑ both games

model (bar)



$$X + 3 = 7$$
$$3 + X = 7$$

#1 p.522 "11 more" means total of 31  $X + 11 = 31$



$$X + 11 = 31$$
$$- 11 \quad - 11$$
$$X = 20$$

↓ → Undo to isolate

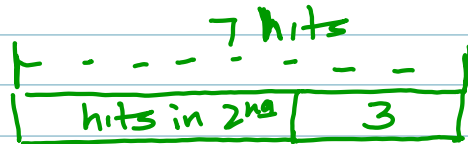
Y/31 Lab pp 521-524

7 hits in 2 baseball games

$$3 + X = 7$$

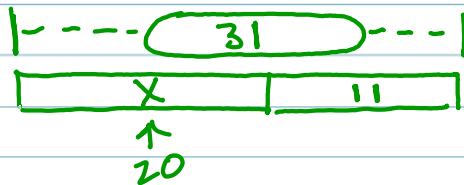
↑            ↑            ↑  
first    second    both  
game    game    games

model (bar)



$$X + 3 = 7$$
$$3 + X = 7$$

① p.522 "11 more" means  $X + 11 = 31$   
total of 31



$$\begin{array}{r} X + 11 = 31 \\ - 11 \quad - 11 \\ \hline X = 20 \end{array}$$

① → Undo to isolate

② lion = 50 mph  
 lion runs + 20 mph  
 than cat                      cat = ?

$$50 = C + 20$$

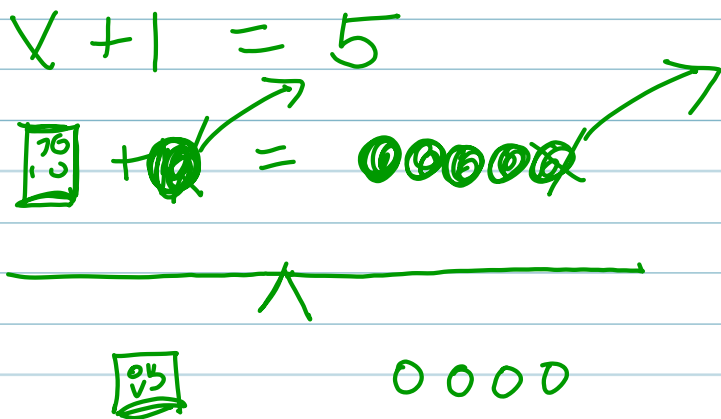
$$\begin{array}{r} C + 20 = 50 \\ - 20 \quad - 20 \\ \hline C = 30 \end{array}$$

$$\begin{array}{r} C + 20 = 50 \\ 30 \quad \quad \quad \text{lion} \end{array}$$

\* Cup/counters      [Model] #1

\* Algebra Tiles      [model] #2

□ unknown              ○○○ = 1 each



③  $1 + x = 8$        $x = 7$

